Application Number	: 10/701,404 Confirmation Number: 6346
Applicant	: Benjamin Wilken et al.
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Examiner	: Squires, Brett S.
Docket Number	: RIV-0490
Customer No.	: 22835

Proposed amendment
Via Fax (571) 273-8021

PROPOSED AMENDMENT

Dear Examiner Squires,

 In view of the telephone conference scheduled on 07 April 2009, Applicant kindly asks Examiner to consider the following proposed amendment. Applicant has re-written claim 1 with more clarification based on the allowable subject matter.

1   1. (Currently amended) A computer implemented method of detecting

2   scanning attacks, comprises:

3   adding host-pair ~~connection~~-records to a ~~connection table~~first data

4   structure stored on a computer readable medium when a host accesses another

5   host during a first update period;

6   ~~at the end of a first update period, accessing the connection table to~~

7   ~~determine new host pairs;~~determining the number of new host pairs added to the

8   ~~connection table~~first data structure over the first update period; ~~and~~

9   aggregating records from the first data structure into a second data

10   structure which corresponds to a second update period that is greater than the first

11   update period;

12   determining the number of new host pairs added to the second data

13   structure over the second update period; and

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14   indicating a host as a scanner when at least one of the following conditions

15   is true:

16   (1) ~~if a~~the host ~~has made~~appears in more than a first threshold number

17   "C1" host pairs within the first update period, and ~~an~~ a historical number of host

18   pairs is smaller than the first threshold number by a first factor value "C2;" and

19   ~~, then~~

20   (2) the host appears in more than a second threshold number "C4" host

21   pairs within the second update period, and a historical number of host pairs is

22   smaller than the second threshold number by a first factor value "C5."

Respectfully submitted,

By _____
-Shun Yao
Registration No. 59,242

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Shun Yao
Park, Vaughan & Fleming LLP
2820 Fifth Street
Davis, CA 95618-7759
Tel: (530) 759-1667
Fax: (530) 759-1665
Email: shun@parklegal.com

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